





Steps to Success

Lockdown	
Date	
Subject/s	<u>Maths</u>
Learning Objective 	To understand place value in a number with 3 decimal places

		SA	TA
			
Success Criteria 	I can represent numbers as decimals with 3 decimal places		
	I can identify the value of each digit in a number with 3 decimal places		
	I can use place value grids and counters		
Support	Independent Adult Support () Group Work		

Pre-task

Write the value of the underlined digit in each number

- a) 8.35
- b) 0.24
- c) 5.613
- d) 3.145

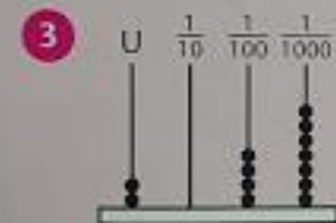
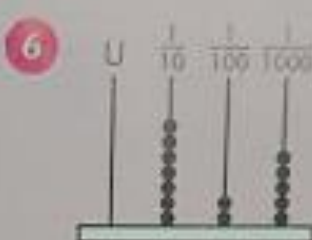
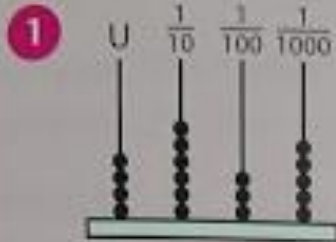
Challenge: write 3 numbers which are smaller than 0.5

Next – watch the video to mark your pre-task and do teacher led.

Fluency

B

Write the decimal fraction shown on each abacus.



Give the value of the underlined figure in each of these numbers.

- | | | | | | |
|----|----------------|----|---------------|----|---------------|
| 9 | 8.8 <u>6</u> | 13 | 2.40 <u>2</u> | 17 | 30.7 <u>1</u> |
| 10 | 4.3 <u>9</u> 1 | 14 | 67. <u>6</u> | 18 | 9.28 <u>4</u> |
| 11 | 0.24 <u>9</u> | 15 | 0.1 <u>5</u> | 19 | 1.6 <u>3</u> |
| 12 | 13.5 <u>7</u> | 16 | 5.92 <u>8</u> | 20 | 7.05 <u>6</u> |

Now check your answers before you do your problem solving. If you are struggling at all, please send me a message on Dojo.

Fluency Answers

1 4.635

6 0.725

11 $\frac{9}{1000}$

16 $\frac{9}{10}$

2 0.45

7 4.204

12 3

17 30

3 2.047

8 1.536

13 $\frac{7}{1000}$

18 $\frac{4}{1000}$

4 6.381

9 $\frac{6}{100}$

14 $\frac{6}{10}$

19 $\frac{3}{100}$

5 3.002

10 $\frac{3}{10}$

15 $\frac{5}{100}$

20 $\frac{6}{1000}$

Problem Solving and Reasoning

Match each description to the correct number.

My number has the same amount of tens and tenths.



Teddy



Amir

My number has one decimal place.

My number has two hundredths.



Rosie



Eva

My number has six tenths.

46.2

2.64

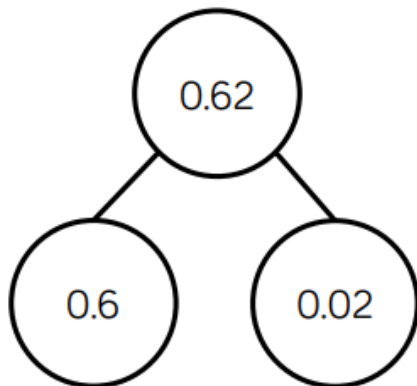
46.02

40.46

Use it!

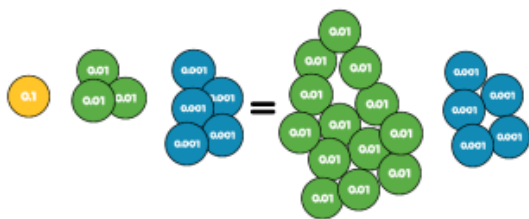


Dexter says there is only one way to partition 0.62



Prove Dexter is incorrect by finding at least three different ways of partitioning 0.62

Rosie thinks the 2 values are equal.



Do you agree?
Explain your thinking.

Explain it!



Can you write this amount as a decimal
and as a fraction?

Please send a photo of your work to me on Dojo for marking and feedback.